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EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

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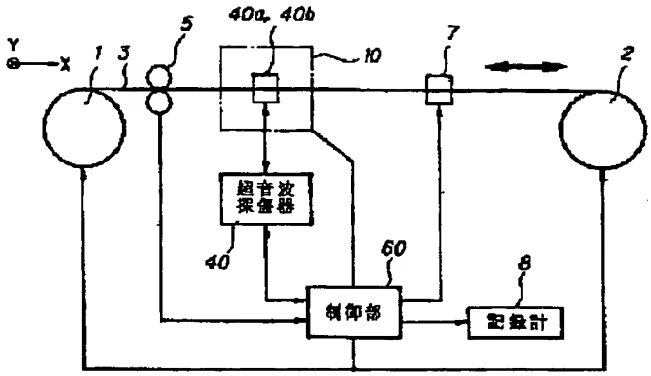
APPLICANT : HITACHI CONSTR MACH CO LTD;

INVENTOR : TAKISHITA YOSHIHIKO;

INT.CL. : G01N 29/04 G01N 21/89 G01N 23/18 G01N 27/82

TITLE : METHOD AND DEVICE FOR INSPECTING MOVING OBJECT TO BE INSPECTED



ABSTRACT : PROBLEM TO BE SOLVED: To provide a method and device for inspecting moving object wherein detailed information on defects of a moving object to be inspected is obtained and the reliability of inspection is improved by preventing erroneous judgement.

SOLUTION: An object to be inspected 3 is wound from an uncoiler 1 to a coiler 2 and, during this period, inspected with ultrasonic wave with no focus irradiated from a probe 40a of an ultrasonic wave flaw detector 40. When a defect is found, a control part 60 stops driving of the object 3, and after retracing the object 3 to a defect position, detailed information about defect is collected and recorded in a recorder 8 with the use of ultrasonic wave having a focus which is radiated from a probe 40b together with a supporting mechanism 10 which allows the ultrasonic wave to scan the object 3. When this is done, the object 3 is moved again, and when defective part comes to a marking device 7, the control part 60 instructs the marking device 7 to give a mark on the part.